

Central Philippine Adventist College Alegria, Murcia, Negros Occidental 6129 P. O. Box 420, Bacolod City, Philippines 6100 - Tel. Nos. (034) 7048610, (034) 4458730,

Bachelor of Secondary Education Major in Mathematics (CMO 75, 2017) – Realligned Curriculum

		FI	RST YEAR			
	FIRST SEMESTER			SECOND SEMESTER		
COURSE NO.	SUBJECT	UNITS	COURSE NO.	SUBJECT	UNITS	
GEC1	Understanding the Self	3	GEC4	Purposive Communication	3	
GEC2	Readings in Philippine History	3	GEC5	Art Appreciation	3	
GEC3	Mathematics in the Modern World	3	PE2	Rythmic Activies	2	
PE1	Self-Testing Activities	2	NSTP2	NSTP 2	3	
NSTP1	NSTP 1	3	WOED2	Work Ed 2 – Music Class	2	
WOED1	Work Ed 2 - Philiosophy of Work	2	RLG2	Denominational History	3	
RLG1	Life and Teachings of Jesus Christ	3	EDMATH 1202	Plane and Solid Geometry	3	
EDMATH 1101	College and Advanced Algebra	3	EDMATH 1203	Trigonometry	3	
PROFED 1101	The Child and Adolescent Learners and	3	PROFED 1203	The Teacher and the Community, School Culture	3	
	Learning Principles			and Organizational Leadership		
PROFED 1102	The Teaching Profession	3	PROFED1204	Facilitating Learner-Centered Teaching	3	
TOTAL 28 TOT				TOTAL.	28	

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SUMMER			
COURSE NO.	SUBJECT	UNITS	
EDMATH 1304	History of Mathematics	3	
EDMATH 1305	Math of Investment	3	
EDMATH 1306	Elementary Statistics & Probability	3	
	TOTAL	9	

		SECO	OND YEAR		
FIRST SEMESTER				SECOND SEMESTER	
COURSE NO.	SUBJECT	UNITS	COURSE NO.	SUBJECT	UNITS
GEC6	Science, Technology, & Society	3	GEC8	The Contemporary World	3
GEC7	Ethics	3	GEEF2	Filipino sa Iba't Ibang Disiplina	3
GEEF1	Komunikasyon sa Akademikong Filipino	3	PE4	Team Sports	2
PE3	Individual Sports	2	WOED3	Work Ed 3 - Homemaking and Cookery	2
PROFED 2105	Foundation of Special & Inclusive Education	3	PROFED 2207	Assessment in Learning 2	3
PROFED 2106	Assessment in Learning 1	3	PROFED 2208	Technology for Teaching and Learning 1	3
EDMATH 2107	Calculus 1 with Analytic Geometry	4	EDMATH 2209	Linear Algebra	3
EDMATH 2108	Logic and Set Theory	3	EDMATH 2210	Calculus 2	4
			EDMATH 2211	Number Theory	3
TOTAL		24		TOTAL	26

SUMMER			
COURSE NO.	SUBJECT	UNITS	
RLG5	Philosophy of SDA Education	3	
EDMATH 2312	Technology for Teaching & Learning 2 (Instrumentation & Technology in Math)	3	
EDMATH 2313	Advanced Statistics	3	
TOTAL			

		THIRI	D YEAR		
FIRST SEMESTER				SECOND SEMESTER	
COURSE NO.	SUBJECT	UNITS	COURSE NO.	SUBJECT	UNITS
RLG3	Christian Beliefs & Spiritual Gifts	3	PROFED 4111	Field Study 1 – Observations of Teaching- Learning in Actual School Environment	3
LDRSP 3101	Outdoor Leadership 1	2	PROFED 4112	Field Study 2 – Participation and Teaching Assistanship	3
PROFED 3109	The Teacher and the School Curriculum	3			
PROFED 3110	Building & Enhancing New Literacies Across the Curriculum	3			
EDMATH 3114	Calculus 3	3			
EDMATH 3115	Problem Solving, Mathematical Investigation & Modeling	3			
EDMATH 3116	Research in Mathematics	4			
EDMATH 3217	Principles & Strategies in Teaching Mathematics	3			
	TOTAL 24			TOTAL	6

SUMMER			
COURSE NO.	SUBJECT	UNITS	
EDMATH 3318	Modern Geometry	3	
EDMATH 3319	Abstract Algebra	3	
EDMATH 3320	Assessment and Evaluation in Math	3	
	TOTAL	9	

		FOURT	TH YEAR		
FIRST SEMESTER				SECOND SEMESTER	
COURSE NO.	SUBJECT	UNITS	COURSE NO.	SUBJECT	UNITS
PROFED 4213	Teaching Internship	6	GEC9	Life and Works of Rizal	3
COEN 4101	Course Enrichment 1	1	GEEF3	Masining na Pagpapahayag	3
			RLG4	Daniel and Revelation	3
			RLG6	Adventist Home and Child Evangelism	3
			LTRE1	Philippine Literature	3
			LTRE2	World Literature	3
			LDRSP 4202	Outdoor Leadership 2	2
			COEN 4202	Course Enrichment 2	1
TOTAL		7		TOTAL	21

Prepared by: Approved by:

Arnel F. Arcenal, PhDArnel F. Arcenal, PhDSteven D. Dela Rama, PhDProgram CoordinatorDean, School of EducationVP-Academic Administration

COURSES by COMPONENT

A. G	A. General Education Courses (36 Units)				
COURSE NO.	COURSE TITLE	UNITS			
	GE Non-Elective (24 units)				
GEC1	Understanding the Self	3			
GEC2	Readings in Philippine History	3			
GEC3	Mathematics in the Modern World	3			
GEC4	Purposive Communication	3			
GEC5	Art Appreciation	3			
GEC6	Science, Technology, & Society	3			
GEC7	Ethics	3			
GEC8	The Contemporary World	3			
	Mandated Course (3 units)				
GEC9	Life and Works of Rizal	3			
	GE Electives (9 units)				
GEEF1	Komunikasyon sa Akademikong Filipino	3			
GEEF2	Filipino sa Iba't Ibang Disiplina	3			
GEEF3	Masining na Pagpapahayag	3			
	GE Literature (6 units)				
LTRE1	Philippine Literature	3			
LTRE2	World Literature	3			
TOTAL 42					

B. Professional Education Courses (42 Units)			
COURSE NO.	COURSE TITLE	UNITS	
Foundatiion Courses/Theories and Concepts (12 units)			
PROFED 1101	The Child and Adolescent Learners and Learning	3	
	Principles		
PROFED 1102	The Teaching Profession	3	
PROFED 1203	The Teacher and the Community, School Culture	3	
	and Organizational Leadership		
PROFED 2105	Foundation of Special and Inclusive Education	3	
	Methods and Strategies (18 units)		
PROFED1204	Facilitating Learner-Centered Teaching	3	
PROFED 2106	Assessment in Learning 1	3	
PROFED 2207	Assessment in Learning 2	3	
PROFED 2208	Technology for Teaching and Learning 1	3	
PROFED 3109	The Teacher and the School Curriculum	3	
PROFED 3110	Building & Enhancing Literacies Across the	3	
	Curriculum		
E	xperiential Learning Courses (12 units)		
PROFED 4111	Field Study 1 – Observations of Teaching-Learning in	3	
	Actual School Environment		
PROFED 4111	Field Study 2 – Participation and Teaching	3	
	Assistanship		
PROFED 4212	Teaching Internship	6	
TOTAL			

C. Major Courses (63 Units)			
COURSE NO.	COURSE TITLE	UNITS	
EDMATH 1304	History of Mathematics	3	
EDMATH 1101	College and Advanced Algebra	3	
EDMATH 1203	Trigonometry	3	
EDMATH 1202	Plane and Solid Geometry	3	
EDMATH 2108	Logic and Set Theory	3	
EDMATH 1306	Elementary Statistics & Probability	3	
EDMATH 2107	Calculus 1 with Analytic Geometry	4	
EDMATH 2210	Calculus 2	4	
EDMATH 3114	Calculus 3	3	
EDMATH 3318	Modern Geometry	3	
EDMATH 1305	Math of Investment	3	
EDMATH 2211	Number Theory	3	
EDMATH 2209	Linear Algebra	3	
EDMATH 2313	Advanced Statistics	3	
EDMATH 3115	Problem Solving, Mathematical Investigation &	3	
	Modeling		
EDMATH 3217	Principles & Strategies in Teaching Mathematics	3	
EDMATH 3319	Abstract Algebra	3	
EDMATH3116	Research in Mathematics	4	
EDMATH 2312	Technology for Teaching & Learning 2	3	
	(Instrumentation & Technology in Math)		
EDMATH 3320	Assessment and Evaluation in Math	3	
	TOTAL	63	

D.1. Physical Education Courses (8 Units)				
COURSE NO.	COURSE TITLE	UNITS		
PE1	Self-Testing Activities	2		
PE2	Rythmic Activies	2		
PE3	Individual Sports	2		
PE4	Team Sports	2		
TOTAL 8				
	D.2. NSTP Courses (6 Units)			
COURSE NO.	COURSE TITLE	UNITS		
NSTP1	NSTP 1	3		
NSTP2	NSTP 2	3		
	TOTAL T			

TOTAL

E. Institution-Mandated Courses (30)					
COURSE NO.	COURSE TITLE	UNITS			
	Religion Courses (18 units)				
RLG1	Life and Teachings of Jesus Christ	3			
RLG2	Denominational History	3			
RLG3	Christian Beliefs & Spiritual Gifts	3			
RLG4	Daniel and Revelation	3			
RLG5	Philosophy of SDA Education	3			
RLG6	Adventist Home and Child Evangelism	3			
	Work Education Courses (6 units)				
WOED1	Work Ed 1 – Philosophy of Work	2			
WOED2	Work Ed 2 – Music Class	2			
WOED3	Work Ed 3 – Homemaking and Cookery	2			
	Outdoor Leadership Courses (4 units)				
LDRSP 3101	Outdoor Leadership 1	2			
LDRSP 4202	Outdoor Leadership 2	2			
Board Review Courses (2 units)					
REVW 4101	Course Enrichment 1	1			
REVW 4202	Course Enrichment 2	1			
TOTAL 30					

SUMMARY OF UNITS by COMPONENT

Components	Units
General Education Courses	42
Professional Education Courses	42
Major Courses	63
Physical Education	8
NSTP	6
Institution-Mandated Courses	30
GRAND TOTAL	191

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